

**ABSTRACT OF THE DISCLOSURE**

An apparatus for improving human mobility on snow or other icy surfaces when a skier or other user is utilizing a snow-traveling device. In one embodiment of the invention, the apparatus includes an assembly comprising a body with an multiple slots formed therein and an aperture formed therein to allow a snow-traveling device to pass therethrough, a crampon structure with elongated teeth for protruding into the snow surface, and a tightening band introduced through the slots of the body for tightening the apparatus to the snow-traveling device. Another embodiment contains system for changing the crampon structure with a convex rudder structure for increasing stability and control. Also disclosed is a disposable friction enhancing fabric that can be attached to various snow-traveling devices for increasing the friction between the snow contacting surface of a snow-traveling device and the snow surface.

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